

OPERATING DATA REPORT

DOCKET NO 50-269

DATE September 15, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: August 1, 1989-August 31, 1989
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

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9. Power Level To Which Restricted, If Any (Net MWe): _____
 10. Reason For Restrictions, If any: _____
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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5831.0	141384.0
12. Number Of Hours Reactor Was Critical	738.5	4755.0	105530.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	730.9	4679.5	103125.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1824912	11763072	250304346
17. Gross Electrical Energy Generated (MWH)	615828	4017925	86660856
18. Net Electrical Energy Generated (MWH)	585940	3824589	82227881
19. Unit Service Factor	98.2	80.3	72.9
20. Unit Availability Factor	98.2	80.3	72.9
21. Unit Capacity Factor (Using MDC Net)	93.1	77.5	67.6
22. Unit Capacity Factor (Using DER Net)	88.9	74.0	65.6
23. Unit Forced Outage Rate	1.8	2.8	12.5
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

-
25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY _____

INITIAL ELECTRICITY _____

COMMERCIAL OPERATION _____

8909190233 890831
 PDR ADCK 05000269
 R PDC

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE September 15, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH August, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>832</u>	17	<u>827</u>
2	<u>833</u>	18	<u>827</u>
3	<u>833</u>	19	<u>827</u>
4	<u>832</u>	20	<u>470</u>
5	<u>832</u>	21	<u>755</u>
6	<u>832</u>	22	<u>825</u>
7	<u>832</u>	23	<u>825</u>
8	<u>832</u>	24	<u>825</u>
9	<u>832</u>	25	<u>824</u>
10	<u>401</u>	26	<u>824</u>
11	<u>438</u>	27	<u>824</u>
12	<u>827</u>	28	<u>823</u>
13	<u>829</u>	29	<u>823</u>
14	<u>828</u>	30	<u>823</u>
15	<u>828</u>	31	<u>824</u>
16	<u>828</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 09/15/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH August 1989

N O .	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		T Y P E		R E A S O N	MET- HOD OF SHUT DOWN R/X		SYS- TEM CODE	COMPONENT CODE	
16-P	89- 8-10	F	--	A	--		CB	PUMPXX	LOW OIL POT LEVEL FOR '1A2' REACTOR COOLANT PUMP
6	89- 8-10	F	13.08	H	3		ZZ	XXXXXX	A REACTOR PROTECTION SYSTEM CHANNEL WAS INADVERTENTLY TAKEN OUT WHILE ONE WAS ALREADY OUT
17-P	89- 8-20	F	--	A	--		CB	PUMPXX	LOW OIL POT LEVEL FOR '1B2' REACTOR COOLANT PUMP
18-P	89- 8-20	F	--	A	--		RC	XXXXXX	HIGH FLUX TRIP SETPOINT ADJUSTMENTS

- (1)
 F Forced
 S Scheduled
- (2)
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operator Error (Explain)
 H-Other (Explain)

- (3)
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

- (4)
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets For License
 Event Report (LER)
 File (NUREG-0161)

- (5)
 Exhibit I - Same Source

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 09/15/89

NARRATIVE SUMMARY

Month: August 1989

Oconee Unit 1 began the month of August operating at 100% full power. At 0742 on 8/10, the unit reduced power to 37% power due to low oil level in the "1A2" Reactor Coolant Pump. Power increase commenced at 1530 on 8/10. At 1541 on 8/10, the Reactor tripped at 40% power due to a Reactor Protection System channel being inadvertently taken out while one channel was already out. The Reactor reached criticality at 2110 on 8/10. The Generator was on-line at 0446 on 8/11, and power increase commenced. The unit reached 100% power at 2001 on 8/11. At 0252 on 8/20, the unit reduced power to 40% due to low oil level in "1B2" Reactor Coolant Pump. Power increase began at 1816 on 8/20. After holds at 60% power to adjust Reactor Protection System Hi-Flux trip setpoint and at 94% power for Nuclear Instrumentation calibration, the unit reached 100% power at 1115 on 8/21. The unit operated at 100% power for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: March 1990
3. Scheduled restart following refueling: May 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No
If yes, what will these be? _____
If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
7. Number of fuel assemblies (a) in the core: 177
(b) in the spent fuel pool: 1037**
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: September 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

**On March 31, 1988, submitted a license application for an ISFSI which will store 2112 assemblies.

OPERATING DATA REPORT

DOCKET NO 50-270

DATE September 15, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: August 1, 1989-August 31, 1989
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason For Restrictions, If any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5831.0	131304.0
12. Number Of Hours Reactor Was Critical	744.0	4723.2	100416.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	4621.3	98795.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1910592	11671224	236471558
17. Gross Electrical Energy Generated (MWH)	646351	3984763	80478307
18. Net Electrical Energy Generated (MWH)	617122	3800927	76536279
19. Unit Service Factor	100.0	79.3	75.2
20. Unit Availability Factor	100.0	79.3	75.2
21. Unit Capacity Factor (Using MDC Net)	98.1	77.1	67.8
22. Unit Capacity Factor (Using DER Net)	93.6	73.6	65.7
23. Unit Forced Outage Rate	0.0	2.6	10.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

DOCKET NO 50-270
 UNIT Oconee 2
 DATE September 15, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH August, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>835</u>	17	<u>830</u>
2	<u>835</u>	18	<u>826</u>
3	<u>835</u>	19	<u>827</u>
4	<u>835</u>	20	<u>825</u>
5	<u>834</u>	21	<u>825</u>
6	<u>834</u>	22	<u>824</u>
7	<u>834</u>	23	<u>827</u>
8	<u>834</u>	24	<u>827</u>
9	<u>833</u>	25	<u>827</u>
10	<u>832</u>	26	<u>826</u>
11	<u>830</u>	27	<u>826</u>
12	<u>832</u>	28	<u>826</u>
13	<u>832</u>	29	<u>825</u>
14	<u>831</u>	30	<u>824</u>
15	<u>831</u>	31	<u>824</u>
16	<u>830</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME OCDNEE 2
 DATE 09/15/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH August 1989

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTIONS			

(1)
 F Forced
 S Scheduled

(2)
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operator Error (Explain)
 H-Other (Explain)

(3)
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

(4)
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets For License
 Event Report (LER)
 File (NUREG-0161)

(5)
 Exhibit I - Same Source

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 09/15/89

NARRATIVE SUMMARY

Month: August 1989

Oconee Unit 2 began the month of August operating at 100% full power. The unit operated the entire month with no significant reductions in power, and ended the month at 100% full power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: August 1990
3. Scheduled restart following refueling: September 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No
If yes, what will these be? _____
If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
7. Number of fuel assemblies (a) in the core: 177
(b) in the spent fuel pool: 1037**
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: September 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

** See footnote on Unit 1

OPERATING DATA REPORT

DOCKET NO 50-287

DATE September 15, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: August 1, 1989-August 31, 1989
3. Licensed Thermal Power (MWT): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason For Restrictions, If any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5831.0	128951.0
12. Number Of Hours Reactor Was Critical	738.8	5759.3	96337.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	733.9	5733.9	94911.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1868064	14723280	233623015
17. Gross Electrical Energy Generated (MWH)	632143	5039320	80482764
18. Net Electrical Energy Generated (MWH)	603621	4826565	76711945
19. Unit Service Factor	98.6	98.3	73.6
20. Unit Availability Factor	98.6	98.3	73.6
21. Unit Capacity Factor (Using MDC Net)	95.9	97.8	69.2
22. Unit Capacity Factor (Using DER Net)	91.6	93.4	67.1
23. Unit Forced Outage Rate	1.4	1.7	12.1

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - November 16, 1989 - 6 weeks

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-287
 UNIT Oconee 3
 DATE September 15, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH August, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>834</u>	17	<u>831</u>
2	<u>835</u>	18	<u>425</u>
3	<u>834</u>	19	<u>605</u>
4	<u>834</u>	20	<u>831</u>
5	<u>834</u>	21	<u>831</u>
6	<u>833</u>	22	<u>830</u>
7	<u>833</u>	23	<u>831</u>
8	<u>834</u>	24	<u>830</u>
9	<u>834</u>	25	<u>829</u>
10	<u>834</u>	26	<u>829</u>
11	<u>833</u>	27	<u>830</u>
12	<u>833</u>	28	<u>829</u>
13	<u>833</u>	29	<u>829</u>
14	<u>832</u>	30	<u>828</u>
15	<u>832</u>	31	<u>829</u>
16	<u>832</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 09/15/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH August 1989

N O .	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		T Y P E		R E A S O N	MET- HOD OF SHUT DOWN R/X		SYS- TEM CODE	COMPONENT CODE	
3	89- 8-18	F	10.12	A	3		EC	XXXXXX	WATER IN EHC CABINET CAUSED LOW EHC PRESSURE TRIP

(1)

F Forced
S Scheduled

(2)

Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operator Error (Explain)
 H-Other (Explain)

(3)

Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

(4)

Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets For License
 Event Report (LER)
 File (NUREG-0161)

(5)

Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 09/15/89

NARRATIVE SUMMARY

Month: August 1989

Oconee Unit 3 began the month of August operating at 100% full power. At 1234 on 8/18, the unit experienced a Reactor/Turbine Generator trip due to water making contact with the Electro-Hydraulic Control (EHC) Cabinet causing a Low EHC Pressure trip. The Reactor reached criticality at 1747 on 8/18. The Generator was on-line at 2241 on 8/18, and power increase was commenced. At 1417 on 8/19, the power increase was stopped due to "E" Feedwater Heater level problems. At 1705 on 8/19, the unit began increasing power. The unit reached 100% power at 1815 on 8/19, where it operated for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: November 1989
3. Scheduled restart following refueling: December 1989
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
7. Number of fuel assemblies (a) in the core: 177
(b) in the spent fuel pool: 548
8. Present licensed fuel pool capacity: 825
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: September 15, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

** See footnote on Unit 1